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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:

SHAFQAT AHMED, ET AL.

Application No.: 10/619,961

Filed: July 15, 2003

For: **Method of Forming Transistor Having
Insulating Spacers On Gate Sidewalls**

Art Group: 2812

Examiner: Booth, Richard A.

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

In accordance with the duty of disclosure, enclosed is a copy of IDS Citation Form PTO/SB/08 or PTO-1449, together with copies of the documents cited on that form, except for copies not required to be submitted (e.g., copies of U.S. patents and U.S. published patent applications need not be enclosed for applications filed after June 30, 2003). This IDS and IDS Citation Form are being submitted before the mailing of a first Office Action. It is respectfully requested that the cited references be considered and that the enclosed copy of PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s). Some or all of the references listed on the enclosed PTO/SB/08 were previously identified in the parent application (Application No. 10/247,027, filed September 19, 2002) and copies of the references were furnished at that time. Accordingly, per 37 CFR §1.98(d)(1) additional copies of those references are not submitted herewith.

The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made in the subject application and is not to be construed as an admission that the information cited in this statement is material to patentability.

Please charge any fees due to Deposit Account 02-2666. A duplicate copy of the Fee Transmittal (PTO/SB/17) is enclosed for this purpose.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

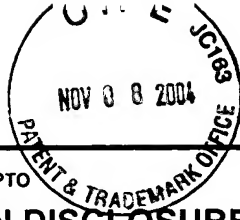
Date: 11-5-04

Brent E. Vecchia
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I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Krista Mathieson Nov. 5, 2004
Krista Mathieson *Date*



Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number 10/619,961
Filing Date July 15, 2003
First Named Inventor Shafqat Ahmed
Art Unit 2812
Examiner Name Booth, Richard A.
Attorney Docket Number 42P13230D

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|--------------|---|---|--|---|
| Examiner Initials* | Cite No.† | Document Number Number - Kind Code* (if known) | Publication Date or Issue Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | US-5,183,771 | 02-02-1993 | Mitsui et al. | |
| | | US-5,296,401 | 03-22-1994 | Mitsui et al. | |
| | | US-5,663,586 | 09-02-1997 | Lin, Jengping | |
| | | US-5,929,483 | 07-27-1999 | Kim et al. | |
| | | US-5,943,565 | 08-24-1999 | Ju | |
| | | US-5,998,274 | 12-07-1999 | Akram et al. | |
| | | US-6,043,545 | 03-28-2000 | Tseng et al. | |
| | | US-6,157,064 | 12-05-2000 | Huang, Jenn Ming | |
| | | US-6,399,451 | 06-04-2002 | Lim et al. | |
| | | US-6,501,134 | 12-31-2002 | Krivokapic, Zoran | |
| | | US-2002/0068410 | 06-06-2002 | Tseng et al. | |
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| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|--------------|-------------------------|---------------------------------|--------------------------------|--|---|
| Examiner Initials* | Cite No.† | Foreign Patent Document | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Country Code‡ | Number* - Kind Code* (if known) | | | |
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Examiner
SignatureDate
Considered

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

†Applicant's unique citation designation number (optional). ‡See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. †Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). †For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. †Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. †Applicant is to place a check mark here if English language Translation is attached.

Based on PTO/SB-03A (08-03) as modified by Blackly, Solokoff, Taylor & Zafman (w/r) 08/11/2003

Send To: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450



FEE TRANSMITTAL for FY 2004

Effective 10/01/2004 Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT (\$) 0.00

Complete if Known

Application Number 10/619,961
Filing Date July 15, 2003
First Named Inventor Shafqat Ahmed
Examiner Name Booth, Richard A.
Art Unit 2812
Attorney Docket No. 42P13230D

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account

Deposit Account Number

02-2666

Deposit Account Name

Blakely, Sokoloff, Taylor & Zafman LLP

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) or underpayment of fees as required under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity | | Small Entity | | Fee Description | Fee Paid |
|--------------|----------|--------------|----------|------------------------|----------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | |
| 1001 | 790 | 2001 | 395 | Utility filing fee | |
| 1002 | 350 | 2002 | 175 | Design filing fee | |
| 1003 | 550 | 2003 | 275 | Plant filing fee | |
| 1004 | 790 | 2004 | 395 | Reissue filing fee | |
| 1005 | 160 | 2005 | 80 | Provisional filing fee | |
| SUBTOTAL (1) | | | | | (\$) |

2. EXTRA CLAIM FEES

| Total Claims | | Extra Claims | | Fee from below | | Fee Paid |
|--------------------|-----|--------------|---|----------------|---|----------|
| 22 | 24* | 0 | X | 18.00 | = | \$0.00 |
| Independent Claims | 3 | 3* | 0 | 88.00 | = | \$0.00 |
| Multiple Dependent | | | | | | |

| Large Entity | | Small Entity | | Fee Description | Fee Paid |
|--------------|----------|--------------|----------|---|-----------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | |
| 1202 | 18 | 2202 | 9 | Claims in excess of 20 | |
| 1201 | 88 | 2201 | 44 | Independent claims in excess of 3 | |
| 1203 | 300 | 2203 | 150 | Multiple Dependent claim, if not paid | |
| 1204 | 88 | 2204 | 44 | **Reissue independent claims over original patent | |
| 1205 | 18 | 2205 | 9 | **Reissue claims in excess of 20 and over original patent | |
| SUBTOTAL (2) | | | | | (\$) 0.00 |

*or number previously paid, if greater, For Reissues, see below

FEE CALCULATION (continued)

3. ADDITIONAL FEES

| Large Entity | | Small Entity | | Fee Description | Fee Paid |
|--------------|----------|--------------|----------|--|----------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | |
| 1051 | 130 | 2051 | 65 | Surcharge - late filing fee or oath | |
| 1052 | 50 | 2052 | 25 | Surcharge - late provisional filing fee or cover sheet. | |
| 2053 | 130 | 2053 | 130 | Non-English specification | |
| 1812 | 2,520 | 1812 | 2,520 | For filing a request for <i>ex parte</i> reexamination | |
| 1804 | 920 * | 1804 | 920 * | Requesting publication of SIR prior to Examiner action | |
| 1805 | 1,840 * | 1805 | 1,840 * | Requesting publication of SIR after Examiner action | |
| 1251 | 110 | 2251 | 55 | Extension for reply within first month | |
| 1252 | 430 | 2252 | 215 | Extension for reply within second month | |
| 1253 | 980 | 2253 | 490 | Extension for reply within third month | |
| 1254 | 1,530 | 2254 | 765 | Extension for reply within fourth month | |
| 1255 | 2,080 | 2255 | 1,040 | Extension for reply within fifth month | |
| 1404 | 340 | 2401 | 170 | Notice of Appeal | |
| 1402 | 340 | 2402 | 170 | Filing a brief in support of an appeal | |
| 1403 | 300 | 2403 | 150 | Request for oral hearing | |
| 1451 | 1,510 | 2451 | 1,510 | Petition to institute a public use proceeding | |
| 1452 | 110 | 2452 | 55 | Petition to revive - unavoidable | |
| 1453 | 1,370 | 2453 | 685 | Petition to revive - unintentional | |
| 1501 | 1,370 | 2501 | 685 | Utility issue fee (or reissue) | |
| 1502 | 490 | 2502 | 245 | Design issue fee | |
| 1503 | 660 | 2503 | 330 | Plant issue fee | |
| 1460 | 130 | 2460 | 130 | Petitions to the Commissioner | |
| 1807 | 50 | 1807 | 50 | Processing fee under 37 CFR 1.17(q) | |
| 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Stmt | |
| 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) | |
| 1809 | 790 | 1809 | 395 | Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| 1810 | 790 | 2810 | 395 | For each additional invention to be examined (37 CFR § 1.129(b)) | |
| 1801 | 790 | 2801 | 395 | Request for Continued Examination (RCE) | |
| 1802 | 900 | 1802 | 900 | Request for expedited examination of a design application | |

Other fee (specify) _____

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$)

SUBMITTED BY

Name (Print/Type) Brent E. Vecchia

Registration No. 48,011
(Attorney/Agent)

Complete (if applicable)

Telephone (303) 740-1980

Signature

Brent E. Vecchia

Date

11-5-04



TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

| | |
|------------------------|-------------------|
| Application No. | 10/619,961 |
| Filing Date | July 15, 2003 |
| First Named Inventor | Shafqat Ahmed |
| Art Unit | 2812 |
| Examiner Name | Booth, Richard A. |
| Attorney Docket Number | 42P13230D |

Total Number of Pages in This Submission 6

ENCLOSURES (check all that apply)

| | | | | |
|--|---|--|---------|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input checked="" type="checkbox"/> PTO/SB/08 <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Basic Filing Fee <input type="checkbox"/> Declaration/POA <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) | <input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <div>First Class Certificate of Mailing and the stamped return postcard</div> | | |
| <table><tr><td>Remarks</td><td></td></tr></table> | | | Remarks | |
| Remarks | | | | |

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | |
|-------------------------|---|
| Firm or Individual name | Brent E. Vecchia, Reg. No. 48,011 BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP |
| Signature | <i>Brent E. Vecchia</i> |
| Date | 11-5-04 |

CERTIFICATE OF MAILING/TRANSMISSION

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| | | | | | |
|-----------------------|------------------|-----------|-------------------------|------|------------------|
| Typed or printed name | Krista Mathieson | Signature | <i>Krista Mathieson</i> | Date | October 15, 2004 |
|-----------------------|------------------|-----------|-------------------------|------|------------------|